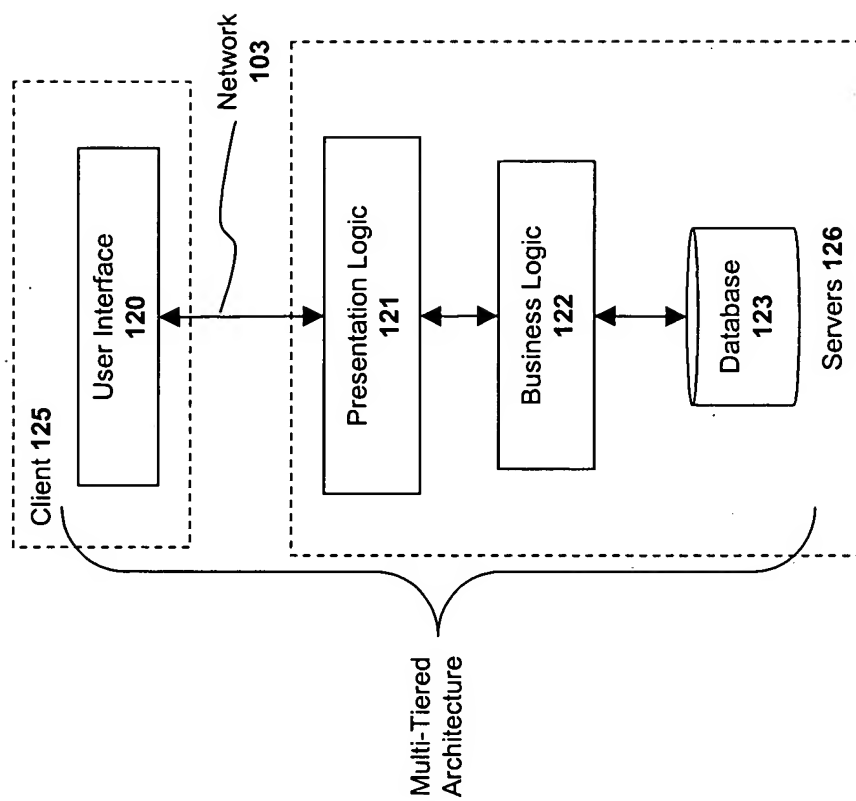
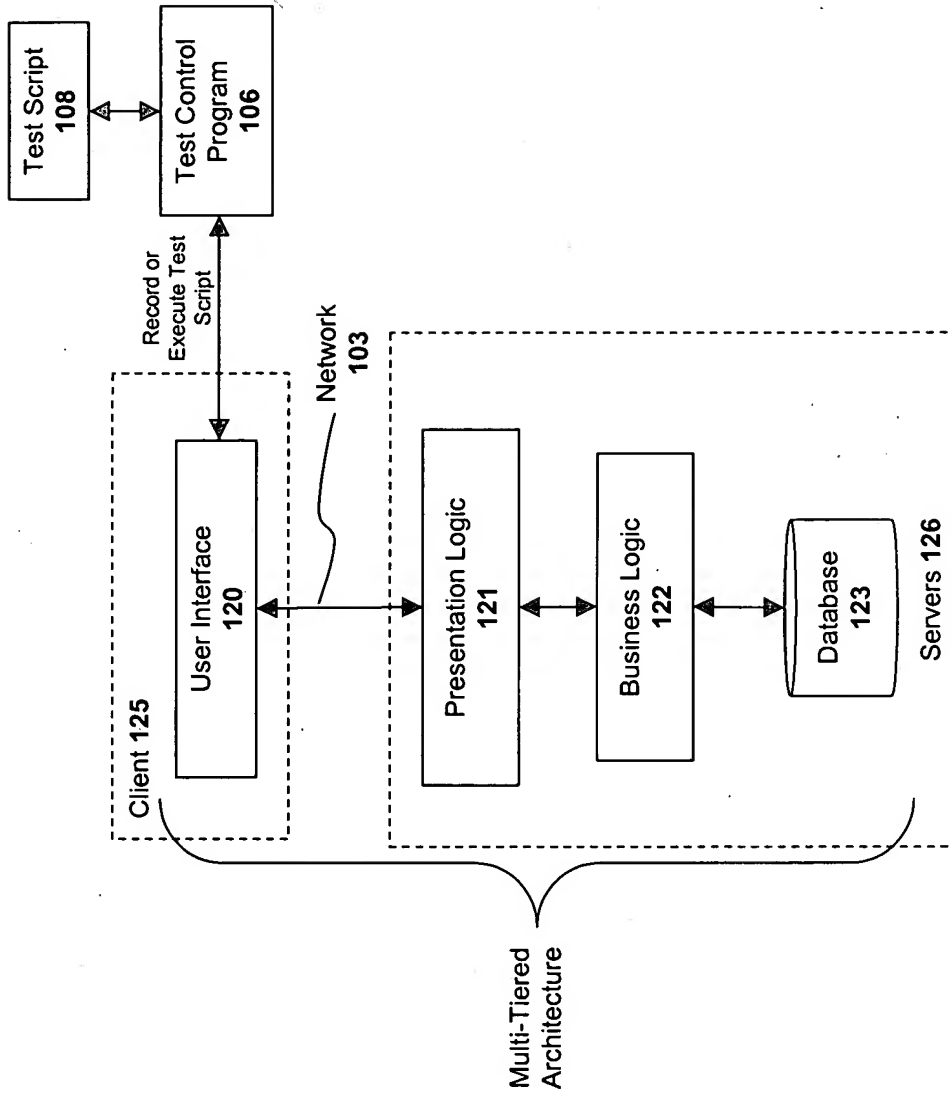


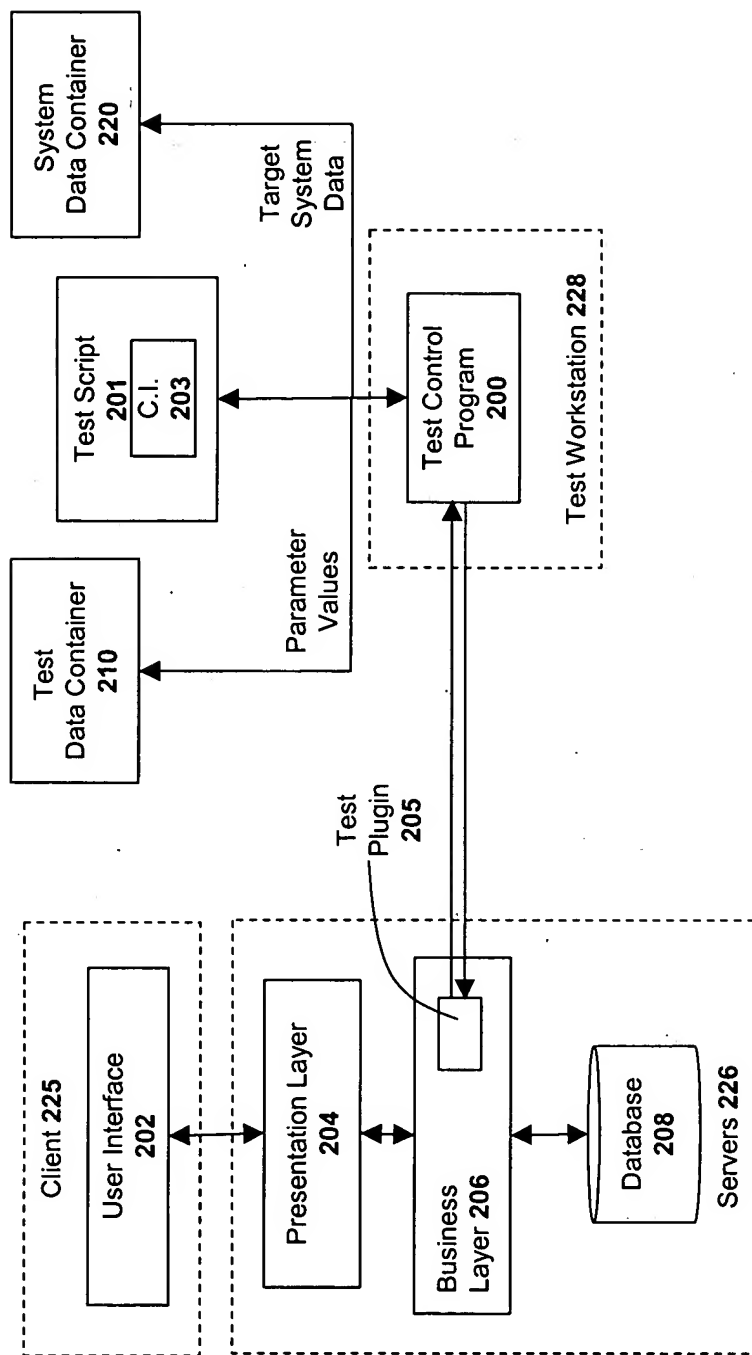
**Fig. 1a**  
(prior art)



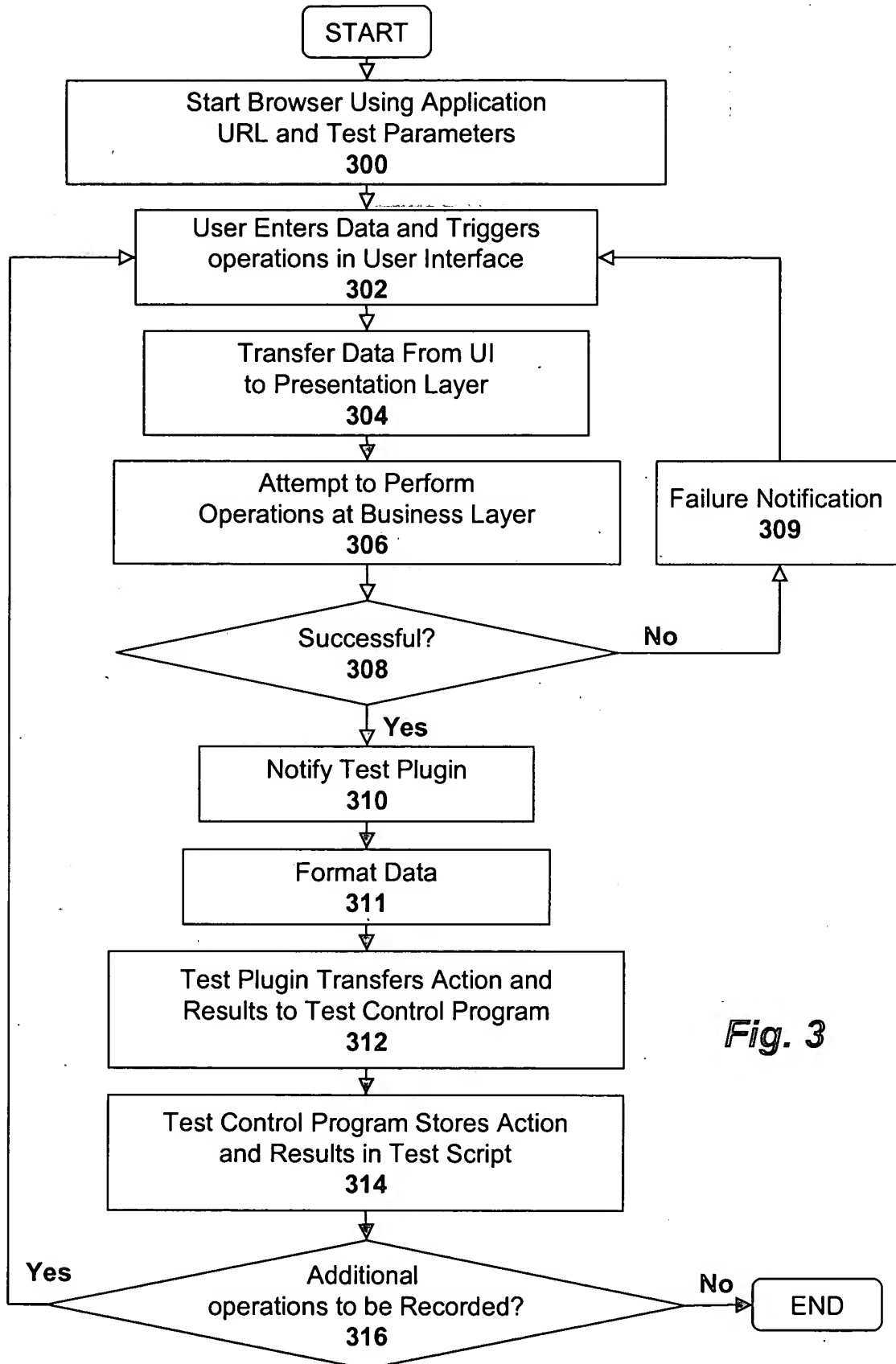
**Fig. 1b**  
(prior art)



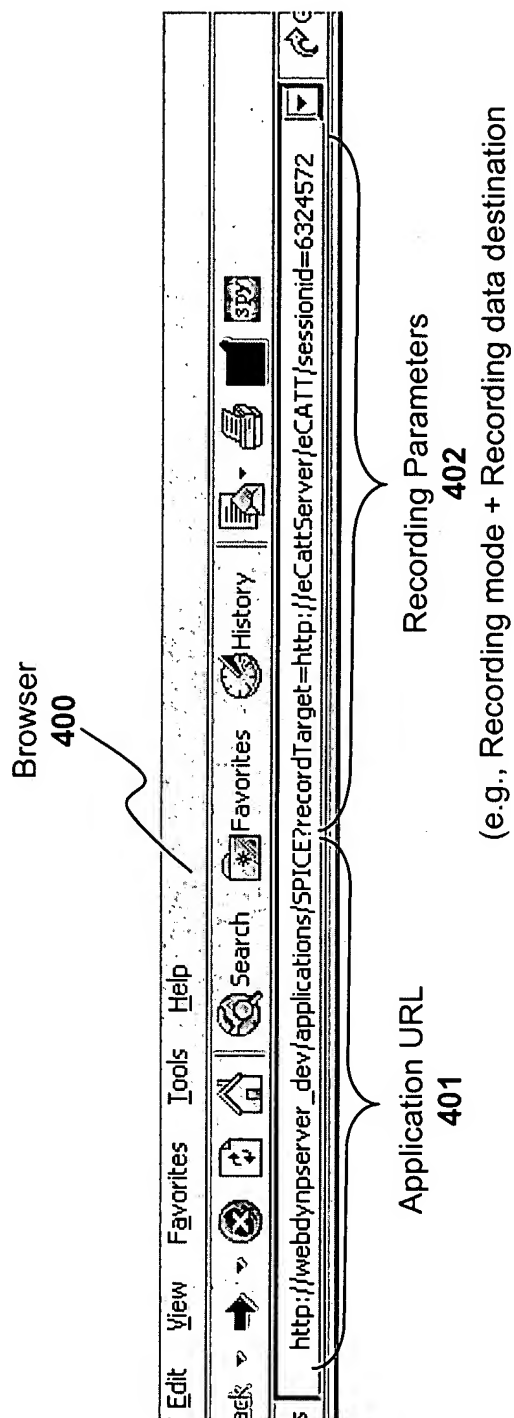
**Fig. 1c**  
(prior art)



**Fig. 2**



**Fig. 3**



**Fig. 4**

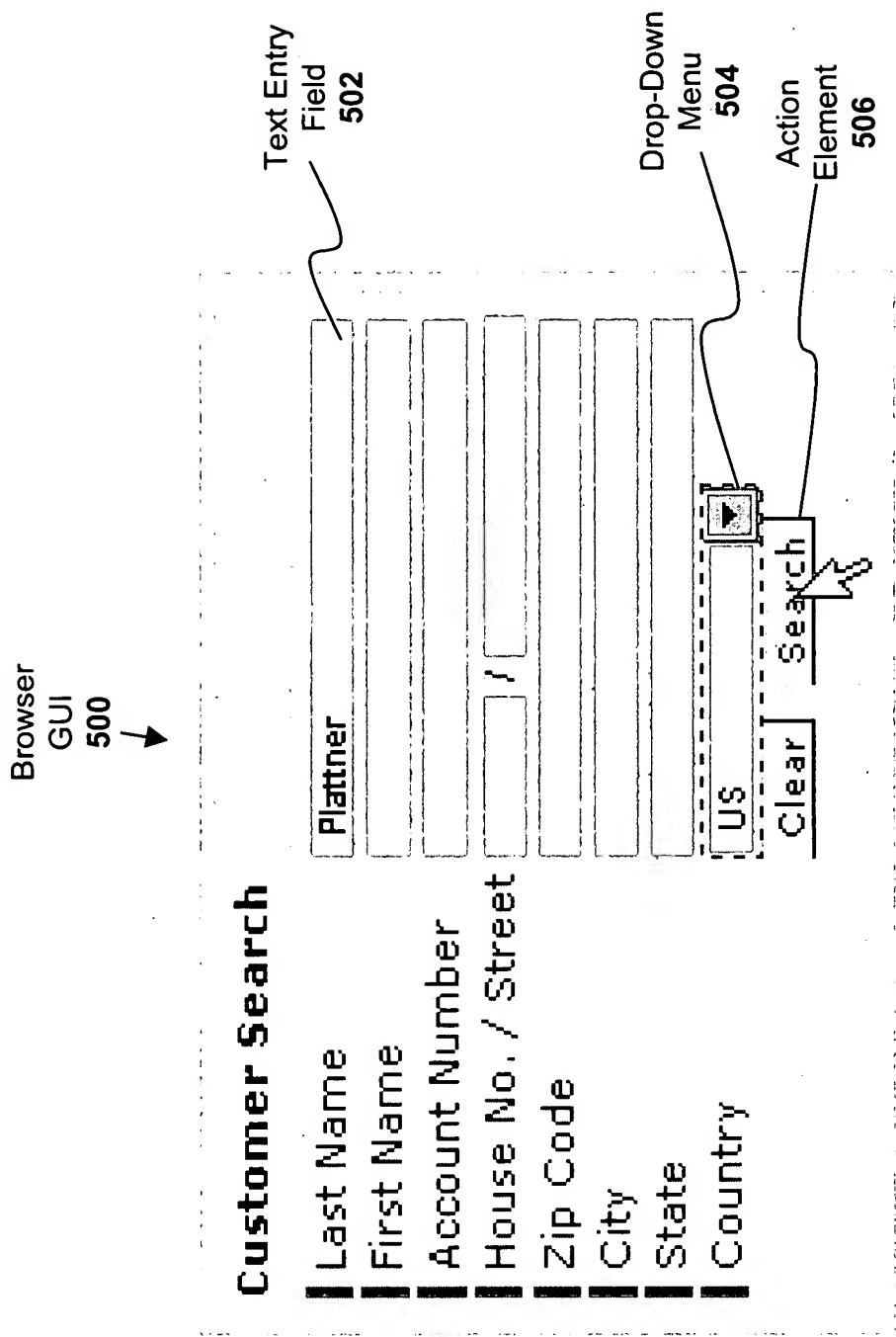
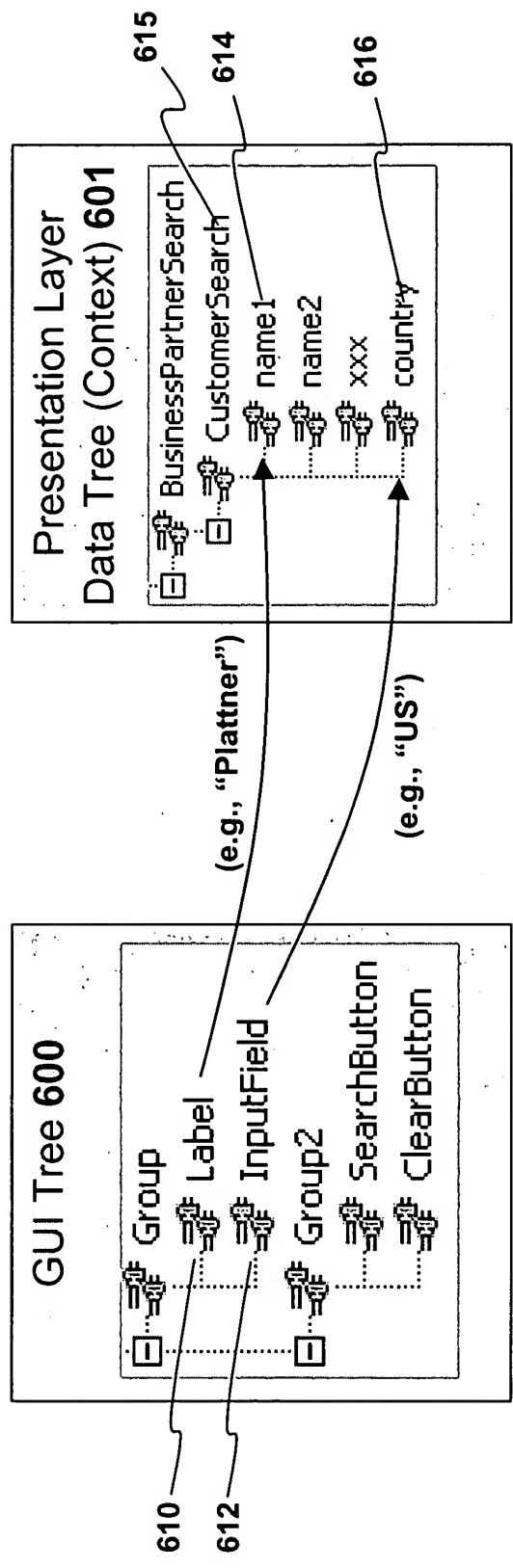
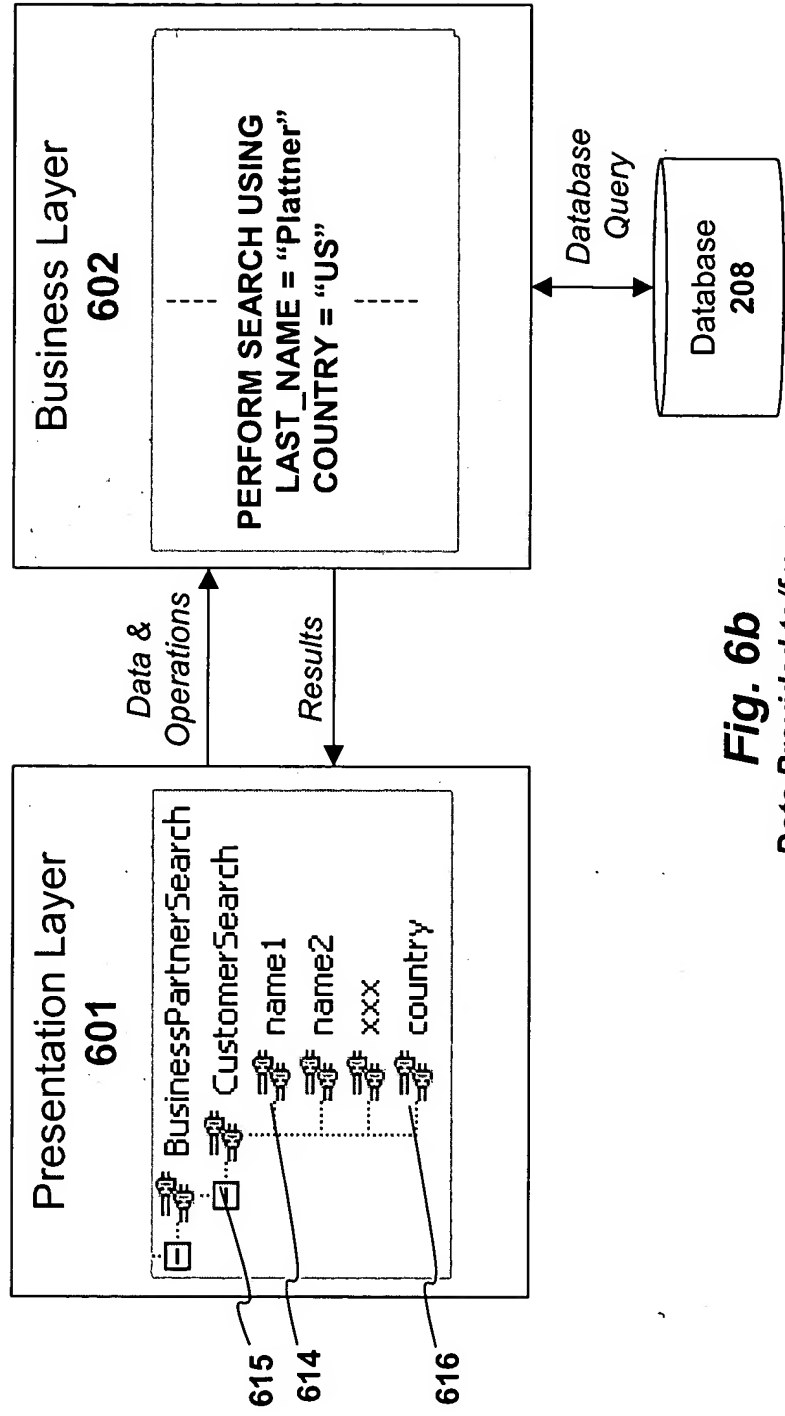


Fig. 5

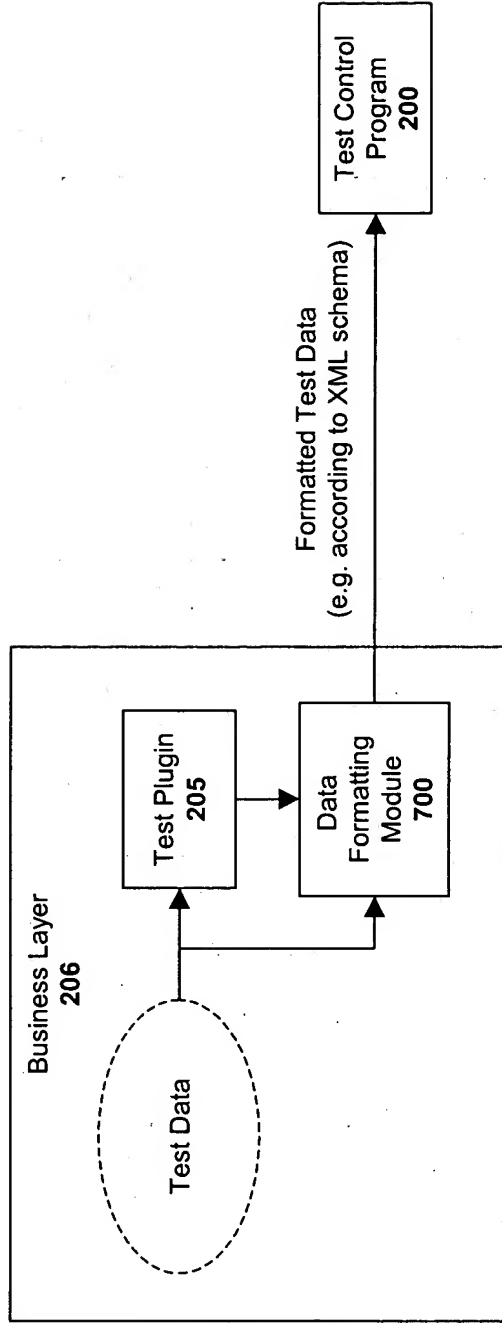


**Fig. 6a**  
 Mapping of Data From GUI Data  
 Elements to Presentation Data Elements





**Fig. 6b**  
Data Provided to/from  
Business Layer



**Fig. 7**

**Customer Search**

Last Name	<input type="text" value="Plattner"/>
First Name	<input type="text"/>
Account Number	<input type="text"/>
House No. / Street	<input type="text"/>
Zip Code	<input type="text"/>
City	<input type="text"/>
State	<input type="text"/>
Country	<input type="text" value="US"/>
<input type="button" value="Clear"/> <input type="button" value="Search"/>	

Result  
Row  
800

Contacts - Search Results					
Last Name	First Name	Account No.	Street	House No.	Z
Plattner	Hasso	653784567	Larry Drive		9

Result Column  
801

**Fig. 8**

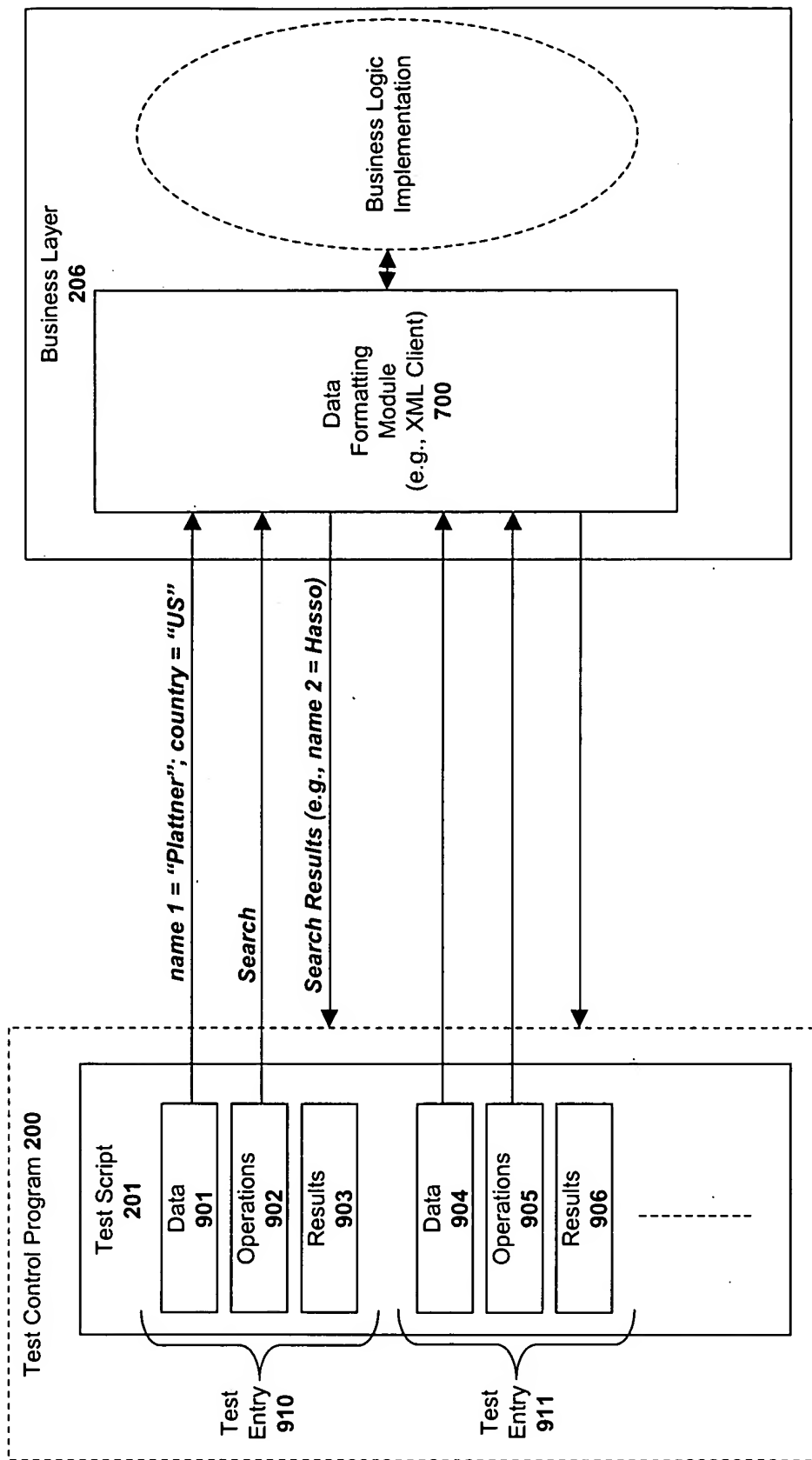
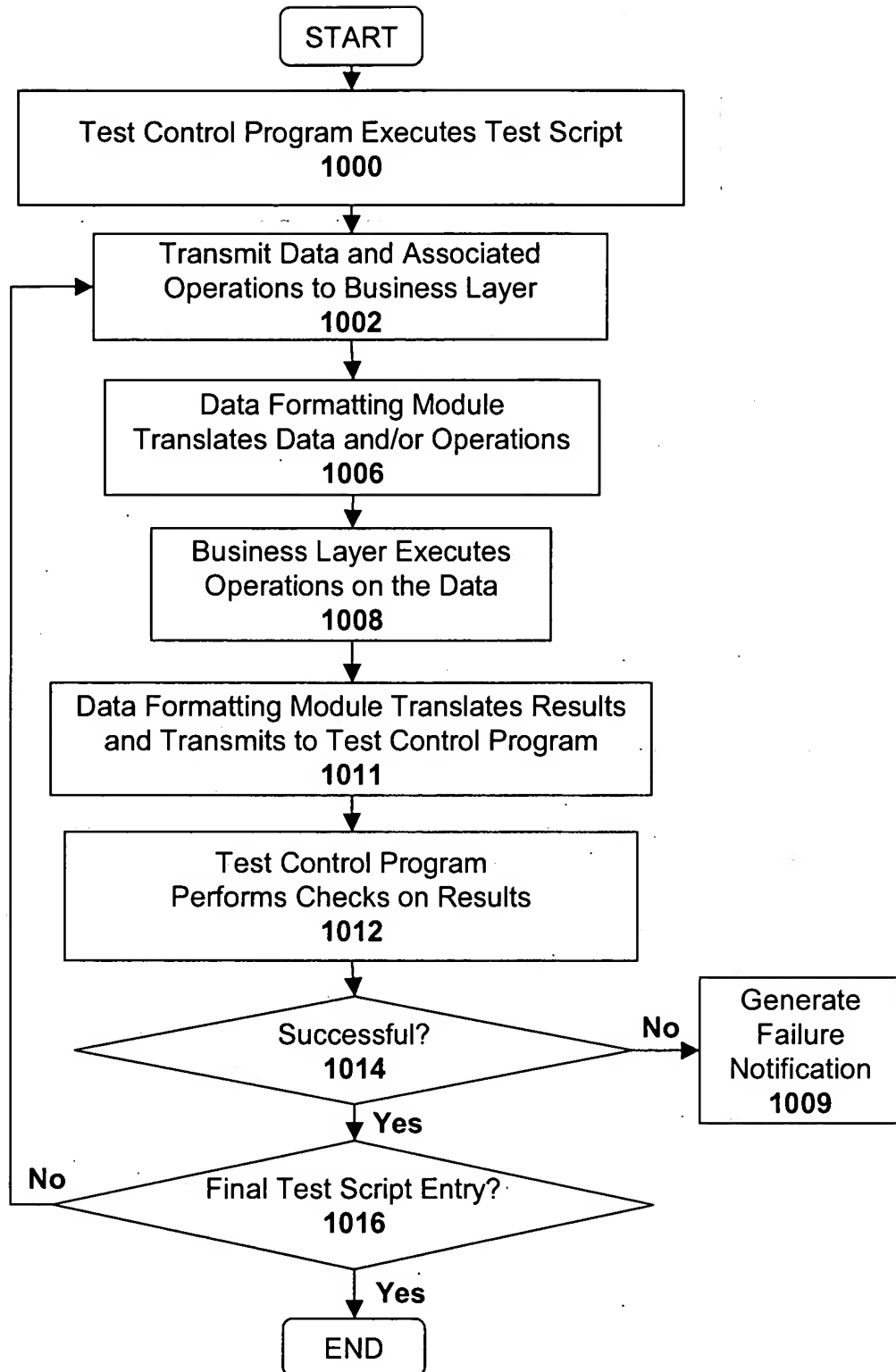


Fig. 9



**Fig. 10**